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laboratory equipment for use in energy-oriented educational programs in the life, physical and environmental sciences, and engineering are available to universities, colleges and other non-profit educational institutions of higher learning in the United States. An institution is not required to have a current DOE grant or contract in order to participate in this program. The program office should be contacted for specific information on how to access the list of eligible equipment under this program. The cost of care and handling incident to the grant must be borne by the institution.

9. Program Analysis

The Office of Program Analysis conducts assessments to identify research opportunities in specific areas of interest to DOE programs.

[57 FR 40583, Sept. 3, 1992, as amended at 79 FR 76047, Dec. 19, 2014]

PART 609—LOAN GUARANTEES FOR PROJECTS THAT EMPLOY IN-NOVATIVE TECHNOLOGIES

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AUTHORITY: 42 U.S.C. 7254, 16511-16514.

Source: 74 FR 63549, Dec. 4, 2009, unless otherwise noted.

§ 609.1 Purpose and scope.

(a) This part sets forth the policies and procedures that DOE uses for receiving, evaluating, and, after consultation with the Department of the Treasury, approving applications for loan guarantees to support Eligible Projects under Section 1703 of Title XVII of the Energy Policy Act of 2005, as amended.

- (b) Except as set forth in paragraph (c) of this section, this part applies to all Pre-Applications, Applications, Conditional Commitments and Loan Guarantee Agreements to support Eligible Projects under Section 1703 of Title XVII of the Energy Policy Act of 2005, as amended.
- (c) Sections 609.3, 609.4 and 609.5 of this part shall not apply to any Pre-Applications, Applications, Conditional Commitments or Loan Guarantee Agreements submitted, or entered into, as applicable, on or before December 31, 2007; provided, that DOE accepted the Pre-Application and invited an Application pursuant to such Pre-Application.
- (d) Part 1024 of chapter X of title 10 of the Code of Federal Regulations shall not apply to actions taken under this part.

§ 609.2 Definitions.

Act means Title XVII of the Energy Policy Act of 2005 (42 U.S.C. 16511–16514), as amended.

Administrative Cost of Issuing a Loan Guarantee means the total of all administrative expenses that DOE incurs during:

- (1) The evaluation of a Pre-Application, if a Pre-Application is requested in a solicitation, and an Application for a loan guarantee;
- (2) The offering of a Term Sheet, executing the Conditional Commitment, negotiation, and closing of a Loan Guarantee Agreement; and
- (3) The servicing and monitoring of a Loan Guarantee Agreement, including during the construction, startup, commissioning, shakedown, and operational phases of an Eligible Project.

Applicant means any person, firm, corporation, company, partnership, association, society, trust, joint venture, joint stock company, or other business entity or governmental non-Federal entity that has submitted an Application to DOE and has the authority to enter into a Loan Guarantee Agreement with DOE under the Act.

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Application means a comprehensive written submission in response to a solicitation or a written invitation from DOE to apply for a loan guarantee pursuant to \$609.6 of this part.

Borrower means any Applicant who enters into a Loan Guarantee Agreement with DOE and issues Guaranteed Obligations.

Commercial Technology means a technology in general use in the commercial marketplace in the United States at the time the Term Sheet is issued by DOE. A technology is in general use if it has been installed in and is being used in three or more commercial projects in the United States in the same general application as in the proposed project, and has been in operation in each such commercial project for a period of at least five years. The five-year period shall be measured, for each project, starting on the in service date of the project or facility employing that particular technology. For purposes of this section, commercial projects include projects that have been the recipients of a loan guarantee from DOE under this part.

Conditional Commitment means a Term Sheet offered by DOE and accepted by the Applicant, with the understanding of the parties that if the Applicant thereafter satisfies all specified and precedent funding obligations and all other contractual, statutory and regulatory requirements, or other requirements, DOE and the Applicant will execute a Loan Guarantee Agreement: Provided that the Secretary may terminate a Conditional Commitment for any reason at any time prior to the execution of the Loan Guarantee Agreement; and Provided further that the Secretary may not delegate this authority to terminate a Conditional Commitment.

Contracting Officer means the Secretary of Energy or a DOE official authorized by the Secretary to enter into, administer and/or terminate DOE Loan Guarantee Agreements and related contracts on behalf of DOE.

Credit Subsidy Cost has the same meaning as "cost of a loan guarantee" in section 502(5)(C) of the Federal Credit Reform Act of 1990 (2 U.S.C. 661a(5)(C)), which is the net present value, at the time the Loan Guarantee

Agreement is executed, of the following estimated cash flows, discounted to the point of disbursement:

- (1) Payments by the Government to cover defaults and delinquencies, interest subsidies, or other payments; less
- (2) Payments to the Government including origination and other fees, penalties, and recoveries; including the effects of changes in loan or debt terms resulting from the exercise by the Borrower, Eligible Lender or other Holder of an option included in the Loan Guarantee Agreement.

DOE means the United States Department of Energy.

Eligible lender means:

- (1) Any person or legal entity formed for the purpose of, or engaged in the business of, lending money, including, but not limited to, commercial banks, savings and loan institutions, insurance companies, factoring companies, investment banks, institutional investors, venture capital investment companies, trusts, or other entities designated as trustees or agents acting on behalf of bondholders or other lenders; and
- (2) Any person or legal entity that meets the requirements of §609.11 of this part, as determined by DOE; or

(3) The Federal Financing Bank.

Eligible project means a project located in the United States that employs a New or Significantly Improved Technology that is not a Commercial Technology, and that meets all applicable requirements of section 1703 of the Act (42 U.S.C. 16513), the applicable solicitation and this part.

Equity means cash contributed by the Borrowers and other principals. Equity does not include proceeds from the non-guaranteed portion of Title XVII loans, proceeds from any other non-guaranteed loans, or the value of any form of government assistance or support.

Federal Financing Bank means an instrumentality of the United States government created by the Federal Financing Bank Act of 1973 (12 U.S.C. 2281 et seq). The Bank is under the general supervision of the Secretary of the Treasury.

Guaranteed Obligation means any loan or other debt obligation of the Borrower for an Eligible Project for which DOE guarantees all or any part of the payment of principal and interest under a Loan Guarantee Agreement entered into pursuant to the Act.

Holder means any person or legal entity that owns a Guaranteed Obligation or has lawfully succeeded in due course to all or part of the rights, title, and interest in a Guaranteed Obligation, including any nominee or trustee empowered to act for the Holder or Holders.

Intercreditor Agreement means any agreement or instrument among DOE and one or more other persons providing financing or other credit arrangements or that otherwise provides for rights of DOE, in each case, in form and substance satisfactory to DOE and entered into or accepted by DOE in connection with a DOE loan guarantee upon a determination by DOE that such agreement or instrument is reasonable and necessary to protect the interests of the United States, and addressing such matters as collateral sharing, priorities (subject always to Section 1702(d)(3) of Title XVII) and voting rights among creditors and other intercreditor arrangements, as such agreement or instrument may be amended or modified from time to time with the consent of DOE.

Loan Agreement means a written agreement between a Borrower and an Eligible Lender or other Holder containing the terms and conditions under which the Eligible Lender or other Holder will make loans to the Borrower to start and complete an Eligible Project.

Loan Guarantee Agreement means a written agreement that, when entered into by DOE and a Borrower, an Eligible Lender or other Holder, pursuant to the Act, establishes the obligation of DOE to guarantee the payment of all or a portion of the principal and interest on specified Guaranteed Obligations of a Borrower to Eligible Lenders or other Holders subject to the terms and conditions specified in the Loan Guarantee Agreement.

New or Significantly Improved Technology means a technology concerned with the production, consumption or transportation of energy and that is not a Commercial Technology, and that has either:

- (1) Only recently been developed, discovered or learned; or
- (2) Involves or constitutes one or more meaningful and important improvements in productivity or value, in comparison to Commercial Technologies in use in the United States at the time the Term Sheet is issued.

OMB means the Office of Management and Budget in the Executive Office of the President.

Pre-Application means a written submission in response to a DOE solicitation that broadly describes the project proposal, including the proposed role of a DOE loan guarantee in the project, and the eligibility of the project to receive a loan guarantee under the applicable solicitation, the Act and this part.

Project costs means those costs, including escalation and contingencies, that are to be expended or accrued by Borrower and are necessary, reasonable, customary and directly related to the design, engineering, financing, construction, startup, commissioning and shakedown of an Eligible Project, as specified in §609.12 of this part. Project costs do not include costs for the items set forth in §609.12(c) of this part.

Project Sponsor means any person, firm, corporation, company, partnership, association, society, trust, joint venture, joint stock company or other business entity that assumes substantial responsibility for the development, financing, and structuring of a project eligible for a loan guarantee and, if not the Applicant, owns or controls, by itself and/or through individuals in common or affiliated business entities, a five percent or greater interest in the proposed Eligible Project, or the Applicant.

Secretary means the Secretary of Energy or a duly authorized designee or successor in interest.

Term Sheet means an offering document issued by DOE that specifies the detailed terms and conditions under which DOE may enter into a Conditional Commitment with the Applicant. A Term Sheet imposes no obligation on the Secretary to enter into a Conditional Commitment.

United States means the several States, the District of Columbia, the Commonwealth of Puerto Rico, the

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Virgin Islands, Guam, American Samoa or any territory or possession of the United States of America.

§ 609.3 Solicitations.

- (a) DOE may issue solicitations to invite the submission of Pre-Applications or Applications for loan guarantees for Eligible Projects. DOE must issue a solicitation before proceeding with other steps in the loan guarantee process including issuance of a loan guarantee. A Project Sponsor or Applicant may only submit one Pre-Application or Application for one project using a particular technology. A Project Sponsor or Applicant, in other words, may not submit a Pre-Application or Application for multiple projects using the same technology.
- (b) Each solicitation must include, at a minimum, the following information:
- (1) The dollar amount of loan guarantee authority potentially being made available by DOE in that solicitation;
- (2) The place and time for response submission;
- (3) The name and address of the DOE representative whom a potential Project Sponsor may contact to receive further information and a copy of the solicitation;
- (4) The form, format, and page limits applicable to the response submission;
- (5) The amount of the application fee (First Fee), if any, that will be required;
- (6) The programmatic, technical, financial and other factors the Secretary will use to evaluate response submissions, including the loan guarantee percentage requested by the Applicant and the relative weightings that DOE will use when evaluating those factors; and
- (7) Such other information as DOE may deem appropriate.

$\S 609.4$ Submission of Pre-Applications.

In response to a solicitation requesting the submission of Pre-Applications, either Project Sponsors or Applicants may submit Pre-Applications to DOE. The information submitted in or in connection with Pre-Applications will be treated as provided in 10 CFR 600.15 and must be marked as provided in 10 CFR 600.15(b). Pre-Applications must meet all requirements specified in the

solicitation and this part. At a minimum, each Pre-Application must contain all of the following:

- (a) A cover page signed by an individual with full authority to bind the Project Sponsor or Applicant that attests to the accuracy of the information in the Pre-Application, and that binds the Project Sponsor(s) or Applicant to the commitments made in the Pre-Application. In addition, the information requested in paragraphs (b) and (c) of this section should be submitted in a volume one and the information requested in paragraphs (d) through (h) of this section should be submitted in a volume two, to expedite the DOE review process.
- (b) An executive summary briefly encapsulating the key project features and attributes of the proposed project (for clarity, with respect to any project in which project assets or facilities are jointly owned by the Applicant and one or more other persons, each of whom owns an undivided ownership interest in such project assets or facilities, the Applicant may submit a project proposal with respect to its undivided ownership interest in such project assets or facilities);
- (c) A business plan which includes an overview of the proposed project, including:
- (1) A description of the Project Sponsor, including all entities involved, and its experience in project investment, development, construction, operation and maintenance;
- (2) A description of the new or significantly improved technology to be employed in the project, including:
- (i) A report detailing its successes and failures during the pilot and demonstration phases;
- (ii) The technology's commercial applications;
- (iii) The significance of the technology to energy use or emission control;
- (iv) How and why the technology is "new" or "significantly improved" compared to technology already in general use in the commercial market-place in the United States;
- (v) Why the technology to be employed in the project is not in "general use:"